Amendments to the Claims:

The listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for block encryption of discrete data, comprising the steps of: generating an encryption key in the form of a set of subkeys, breaking down a data block into N≥2 subblocks and ~~alternate~~ converting in turn said subblocks by performing a ~~dual-locus~~ two-place operation on ~~on~~ the subblock and the subkey, characterised ~~in that prior to carrying out said dual-locus operation on i-th subblock and subkey, a conversion operation is performed on the subkey depending on j-th subblock, where j≠i~~ by transforming the subkey with a data-dependent operation that depends on the j-th subblock prior to performing the two-place operation on the i-th subblock and subkey, where i≠j.

Claim 2 (currently amended): The ~~A~~ method according to claim 1, characterised in that ~~an operation of permuting subkey bits depending on said j-th subblock is used as the j-th subblock-dependent conversion operation~~ data dependent permuting subkey bits is used as data-dependent operation that depends on the j-th subblock.

Claim 3 (currently amended): The ~~A~~ method according to claim 1, characterised in that ~~an operation of cyclic offsetting subkey bits depending on said j-th subblock is used as the j-th subblock-dependent conversion operation~~ data-dependent rotation of subkey bits is used as data-dependent operation that depends on the j-th subblock.

Claim 4 (currently amended): The ~~A~~ method according to claim 1, characterised in that a data-dependent substitution operation performed on a subkey ~~depending on said j-th subblock is used as the j-th subblock-dependent conversion operation~~ is used as data-dependent operation that depends on the j-th subblock.